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# TECHNICAL

# NOTES

CURRENT SERIAL RECORD

SEP 1 - 1959

## LAKE STATES FOREST EXPERIMENT STATION U.S. DEPARTMENT OF AGRICULTURE · · FOREST SERVICE

No. 562

U. S. DEPARTMENT OF AGRICULTURE

### Commercial Forest Land in Wisconsin Counties by Forest Type

Seventy percent of the commercial forest land in Wisconsin supports hardwood stands. The conifer types occupy about 13 percent. The remaining 17 percent is nonstocked.

Aspen is the most extensive forest type in Wisconsin, including three-tenths of the State's commercial forest land. The counties of Ashland, Bayfield, Douglas, Marinette, Oneida, Price, Sawyer, and Vilas each have over 200,000 acres of aspen. Northern hardwoods comprise the second largest type, occurring on one-sixth of the commercial forest land. Ashland, Forest, Langlade, Sawyer, and Shawano Counties each have more than 150,000 acres of northern hardwood. "Other hardwoods," occupying almost one-fourth of the total commercial forest land, are largely oak types and swamp and bottomland hardwoods.

There are 2,055,000 acres of coniferous stands, mostly in northern counties. Pine forests cover 1,014,000 acres.

These figures are results of a cooperative survey made from 1950-58 by the Wisconsin Conservation Department, the U. S. Forest Service, and other public agencies. Forest industries and northern counties helped finance the survey. Additional information about the timber resources of Wisconsin is available from the Wisconsin Conservation Department and the Lake States Forest Experiment Station.

The total commercial forest land is subject to a sampling error of  $\pm 1.3$  percent (1 standard deviation) per million acres. The sampling error for any type or county would be greater. Very small figures may be considerably in error but do indicate relative size.

(In thousands of acres)

County	Forest types <sup>2/</sup>									
	Total	White	Jack	Spruce and	Other	Northern	Other	Non-		
	:commercial	:and red	:pine	:fir-spruce	:conifers	:hardwoods	:Aspen	:hardwoods	:stocked	
	:areal <sup>1/</sup>	:pine <sup>3/</sup>	: <sup>4/</sup>	: <sup>5/</sup>	: <sup>6/</sup>	: <sup>7/</sup>	: <sup>8/</sup>	: <sup>9/</sup>	: <sup>10/</sup>	
Adams	247	6	66	-	1	-	15	111	48	
Ashland	554	9	1	53	21	154	212	37	67	
Barron	152	5	1	2	1	33	42	45	23	
Bayfield	793	21	59	16	7	122	432	73	63	
Brown	46	2	*	-	2	16	4	13	9	
Buffalo	188	1	-	-	-	4	20	146	17	
Burnett	360	4	67	4	5	11	83	108	78	
Calumet	24	*	-	-	1	6	1	11	5	
Chippewa	245	2	1	2	6	22	88	85	39	
Clark	293	5	4	2	1	31	151	62	37	
Columbia	120	1	1	1	3	4	10	52	48	
Crawford	183	-	-	-	*	21	9	112	41	
Dane	68	1	*	*	*	2	4	51	10	
Dodge	31	-	-	-	1	7	1	11	11	
Door	104	3	-	4	11	33	25	17	11	
Douglas	681	4	66	26	7	34	295	75	174	
Dunn	165	5	3	*	-	22	15	93	27	
Eau Claire	165	4	22	-	*	*	38	72	29	
Florence	271	5	6	29	7	78	111	8	27	
Fond du Lac	33	1	-	*	2	5	*	12	13	
Forest	565	10	2	90	15	197	185	6	60	
Grant	201	4	*	*	1	21	4	134	37	
Green	26	*	*	*	-	9	1	12	4	
Green Lake	26	1	-	-	1	1	*	18	5	
Iowa	125	1	-	*	1	6	7	84	26	
Iron	413	4	1	49	19	141	131	26	42	
Jackson	325	12	73	2	6	-	57	144	31	
Jefferson	33	1	*	*	*	9	.1	12	10	
Juneau	286	8	61	*	1	1	43	107	65	
Kenosha	11	-	-	*	-	-	-	4	7	

(Footnotes and continuation of table on back of sheet.)

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MAINTAINED AT ST. PAUL 1, MINNESOTA, IN COOPERATION WITH THE UNIVERSITY OF MINNESOTA

(In thousands of acres)

County	: Total :			Forest types <sup>2/</sup>					
	:commercial :	White :	Jack :	Spruce and:	Other :	Northern :		Other :	Non-
	:forest land:	and red :	pine :	:fir-spruce:	conifers :	:hardwoods:	Aspen :	:hardwoods:	stocked
	: areal <sup>1/</sup> :	pine <sup>3/</sup> :	<u>4/</u> :	: <u>5/</u> :	: <u>6/</u> :	: <u>7/</u> :	: <u>8/</u> :	: <u>9/</u> :	: <u>10/</u>
Kewaunee	37	*	-	-	6	10	8	8	5
La Crosse	122	2	1	-	-	8	17	81	13
Lafayette	36	*	-	-	-	4	4	14	14
Langlade	385	4	1	37	13	157	121	10	42
Lincoln	399	9	2	25	8	106	155	19	75
Manitowoc	62	5	-	-	6	19	4	18	10
Marathon	358	2	4	4	10	142	100	32	64
Marinette	652	12	35	22	36	52	255	126	114
Marquette	86	2	2	*	5	-	3	55	19
Milwaukee	5	*	-	*	-	1	-	2	2
Monroe	254	6	25	*	1	6	28	156	32
Oconto	428	16	21	17	22	50	171	71	60
Oneida	581	20	24	102	21	46	252	15	101
Outagamie	67	*	-	-	2	8	18	20	19
Ozaukee	19	*	-	-	3	9	-	4	3
Pepin	49	1	-	-	-	6	4	32	6
Pierce	90	*	-	*	-	33	5	34	18
Polk	243	5	19	1	6	32	63	79	38
Portage	151	6	11	-	6	4	24	66	34
Price	639	10	2	56	15	137	231	28	160
Racine	16	*	-	*	2	2	1	9	2
Richland	128	*	*	-	-	45	9	48	26
Rock	25	*	-	*	-	-	-	19	6
Rusk	361	1	-	3	7	116	149	29	56
St. Croix	68	*	-	*	-	10	11	28	19
Sauk	179	5	2	*	*	23	14	104	31
Sawyer	672	15	3	24	16	167	307	40	100
Shawano	404	20	1	5	41	165	69	55	48
Sheboygan	56	2	-	*	3	13	2	19	17
Taylor	355	3	-	15	6	125	113	38	55
Trempealeau	119	1	1	*	-	3	15	84	15
Vernon	178	-	-	-	-	38	12	101	27
Vilas	473	27	30	30	16	70	221	8	71
Walworth	34	*	-	*	*	2	2	14	16
Washburn	370	4	50	8	9	28	160	71	40
Washington	40	*	-	-	3	12	2	14	9
Waukesha	39	4	*	1	1	5	2	16	10
Waupaca	148	8	*	1	16	12	19	67	25
Waushara	131	5	2	*	6	1	5	74	38
Winnebago	17	*	-	-	1	1	2	7	6
Wood	186	7	22	2	1	5	48	58	43
Total	15,396	322	692	633	408	2,663	4,611	3,514	2,553

1/ Forest land which is producing or capable of producing operable crops of sawtimber, pulpwood, or products of comparable size and value within 100 years and is not withdrawn from timber utilization. Forest tracts of less than 1 acre, and isolated strips of timber less than 120 feet wide are excluded.

2/ Forest type is based on the predominance of the key species.

3/ Pine species predominating with red and white pine most common.

4/ Pine species predominating with jack pine most common.

5/ Conifer species predominating with white spruce and balsam fir, or black spruce most common.

6/ Other conifers include tamarack and cedar types.

7/ Sugar maple, yellow birch, and beech predominating.

8/ Aspen and paper birch predominating.

9/ Other hardwoods include swamp and bottomland hardwoods, oak, and cottonwood types.

10/ Lands qualifying as forest but failing to meet specifications for sawtimber, poletimber, or restocking stands. Includes grass and brush areas.

\* Less than 500 acres.